ticular button operation based on the first sensitivity of the first sensor element and the second sensitivity of the second sensor element.

- 12. The apparatus of claim 9, wherein the first and second sensor elements are electrically coupled.
- 13. The apparatus of claim 9, wherein the first and second sensor elements are coupled to the processing device using one pin.
- 14. The apparatus of claim 9, wherein the processing device is configured to recognize the first button operation when the presence of the conductive object is detected on the first sensor element of the sensing device, and to recognize the second button operation when the presence of the conductive object is detected on the second sensor element of the sensing device.
- 15. The apparatus of claim 9, wherein the processing device is configured to determine a capacitance of the conductive object on the sensing device.
- 16. The apparatus of claim 15, wherein the first button operation is recognized when the capacitance is greater than a first sensitivity threshold, and wherein the second button operation is recognized when the capacitance is less than the first sensitivity threshold and greater than a second sensitivity threshold.
- 17. The apparatus of claim 16, wherein the first and second sensitivity thresholds are greater than a presence threshold, wherein the presence threshold is configured to indicate the detected presence of the conductive object.
  - 18. An apparatus, comprising:
  - a sensing device having a plurality of sensor elements that are electrically coupled, wherein the plurality of sensor elements correspond to a plurality of button operations; and
  - means for distinguishing a particular button operation, performed by a conductive object on the sensing device, from among the plurality of button operations.
- 19. The apparatus of claim 18, wherein means for distinguishing the particular button operation comprises means for distinguishing the particular button operation from among the plurality of button operations using one pin.

- 20. The apparatus of claim 18, further comprising means for detecting a presence of the conductive object on the sensing device.
  - 21. The apparatus of claim 18, further comprising: means for determining a capacitance of the conductive object on the sensing device; and
  - means for detecting the presence of the conductive object on a particular sensor element among the plurality of sensor elements based on sensitivity ranges of the plurality of sensor elements.
  - 22. An apparatus, comprising:
  - a sensing device having a plurality of sensor elements that are electrically coupled to detect a presence of a conductive object on the sensing device, wherein the plurality of sensor elements correspond to a plurality of button operations;
  - a keyboard coupled to the sensing device, wherein the keyboard comprises a plurality of keys that correspond to the plurality of sensor elements; and
  - a processing device coupled to the sensing device to distinguish a particular button operation from among the plurality of button operations when a particular key of the plurality of keys of the keyboard is pressed.
- 23. The apparatus of claim 22, wherein the sensing device comprises:
- a pad layer comprising conductive material that corresponds to the plurality of keys and the plurality of sensor elements, wherein the conductive material of the particular key is detected on the sensing device when pressed;
- a routing layer comprising the plurality of sensor elements, wherein the routing layer is coupled to the processing device; and
- an insulating layer coupled to electrically isolate the pad layer and the routing layer.
- 24. The apparatus of claim 23, further comprising a plastic film coupled between the plurality of keys and the pad layer of the sensing device.

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